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PLEASE. . . .
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EROS System

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aircraft. "Bogey" aircraft, planes not equipped with EROS, can also be detected and identified.

The Future of CAS

McDonnell Douglas engineers are already at work on an improved EROS. EROS II, as the new model is designated, will have increased range and range rate measurement capability. This improvement in performnce will make EROS II suitable for use aboard the U.S. Supersonic Transport (see "Electronic Challenges in the SST Program" in the July 1967 issue).

With two SST's approaching one another at 1800 miles per hour each, the closure rate is 3600 miles per hour, or 60 miles a minute. The human eye could not resolve the hazard in time for corrective action to be taken. Hence a system such as EROS II will be mandatory if we are to traverse the skies of the world in safety. The history of aviation is marked by significant achievements made possible by the art of electronics. The CAS, of which EROS is a spectacular example, is yet another chapter in that saga. Other chapters are yet to be written. ▲